

FORM PTO-1449 (modified)
To: U.S. Department of Commerce
(PW FORM PAT-1449)
Patent and Trademark Office



Atty. Dkt. No.	M#	Client Ref.
	0290677	T2TT-01S0822-1

**INFORMATION DISCLOSURE STATEMENT
BY APPLICANT**

Applicant: TAKEO, Akihiko

Appln. No.: 10/059,159

Filing Date: January 31, 2002

Examiner: M-LE Davidson Group Art Unit: 2662-2651

Date: May 14, 2003

Page 1 of 1

U.S. PATENT DOCUMENTS

Examiner's Initials*		Document Number	Date MM/YYYY	Name (Family Name of First Inventor)	Class	Sub Class	Filing Date (if appropriate)
DD	AR	4,447,467	05/1984	Oguchi et al.	427	549	
DD	BR	4,621,030	11/1986	Uesaka et al.	428	607	
DD	CR	5,589,262	12/1996	Kiuchi et al.	428	336	
DD	DR	5,815,342	09/1998	Akiyama et al.	360	97.01	
DD	ER	5,863,631	01/1999	Sonobe et al.	428	97.01	
	FR						
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*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

#3 S.W.H 3/06/02

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Filing Date: Herewith

Examiner: Davidson

Group Art Unit:

Date: January 31, 2002

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U.S. PATENT DOCUMENTS

Examiner's Initials*		Document Number	Date MM/YYYY	Name (Family Name of First Inventor)	Class	Sub Class	Filing Date (if appropriate)
DD	AR	5,289,202	02/1994	YAMANE et al.	346	74.3	
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	CR						
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	ER						
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	KR						
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FOREIGN PATENT DOCUMENTS

		Document Number	Date MM/YYYY	Country	Inventor Name	English Abstract		Translation Readily Available	
						Enclosed	No	Enclose	No
DD	OR	10-320705	12/1998	JAPAN		X			X
	PR								
	QR								
	RR								
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	TR								
	UR								
	VR								
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Complete if Known

Application Number	10/059,159
Filing Date	01/31/2002
First Named Inventor	AKIHIKO TAKEO
Art Unit	2651
Examiner Name	Unassigned- D
Attorney Docket Number	008312-0290677

(Use as many sheets as necessary)

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U. S. PATENT DOCUMENTS

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Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ³ Number ⁴ Kind Code ⁵ (If known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
DD	1A	JP 10320705	December, 4, 1998	Itou		

Examiner Signature	<i>Ann Swidson</i>	Date Considered	08/16/04
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